

IN THE CLAIMS

1. (currently amended) An information processing device for displaying an electronic programming guide, comprising:

a display controller;

a display being operable to have displayed thereon in response to a control signal from said display controller a cursor, a day of a week display portion which provides a display for each day of the week and representations of programs for a plurality of channels having a plural number of past programs each of whose broadcast time is prior to a present time, a plural number of present programs each of whose broadcast time contains said present time, and a plural number of future programs each of whose broadcast time is subsequent to said present time, said representation of each of said plural number of past programs currently in the display being in a first color, said representation of each of said plural number of present programs currently in the display being in a second color different from said first color, and said representation of each of said plural number of future programs currently in the display being in a third color different from said first and second colors, in which the cursor is movable to a representation of a desired program;

means for enabling a user to select a desired day from the day of the week display portion and a program therefrom for programming a recording of the program or for watching or listening to the program;

means for displaying a content of the selected program when the selected program is a future program; and

means for switching to the selected program when the selected program is a present program,

in which the representations of the programs are displayable on a first portion of the display and in which

information of a respective program at which the cursor is located is displayable on a second portion of the display which is different from the first portion,

in which a respective representation of a respective program is displayable in a fourth color which is different from said first, second, and third colors when the cursor is located thereat and prior to a selection of the respective program by the means for enabling, and

in which when the user selects a past program, an indication is displayed that said past program has been broadcast,

when the user selects a future program, it is judged that the user desires to program the recording of the indicated program and the display is automatically switched to a display frame showing detailed information about the future program.

2. (canceled)

3. (previously presented) The information processing device as claimed in claim 1, in which the enabling means enables the user to place said cursor on a respective representation of a desired program and to select the same.

4. (original) The information processing device as claimed in claim 1, wherein said first, second and third colors are set according to the user's favorite colors.

5. (original) The information processing device as claimed in claim 1, wherein said display always includes a latest electronic program guide containing said present time.

6. (currently amended) A method for controlling the display of an electronic program guide representing programs for a plurality of channels, comprising the steps of:

displaying on a current display screen in a first color a representation of each of a plural number of past programs of the plurality of channels whose broadcast time is prior to a present time;

displaying on the current display screen in a second color different from said first color a representation of each of a plural number of present programs of the plurality of channels whose broadcast time contains said present time;

displaying on the current display screen in a third color a representation of each of a plural number of future programs of the plurality of channels whose broadcast time is subsequent to said present time, said third color being different from said first and second colors;

displaying on the current display screen a day of a week display portion which provides a display for each day of the week;

displaying a cursor on a representation of a desired program on the current display screen;

selecting a desired day from the day of the week display portion and a program therefrom for programming a recording of the program or for watching or listening to the program;

displaying a content of the selected program when the selected program is a future program; and

switching to the selected program when the selected program is a present program,

in which the representations of the past, present, and future programs are displayable on a first portion of the display screen and in which information of a respective program at which the cursor is located is displayable on a second

portion of the display screen which is different from the first portion,

in which a respective representation of a respective program is displayable in a fourth color which is different from said first, second, and third colors when the cursor is located thereat and prior to a selection of the respective program by the selecting step, and

in which when a user selects a past program, an indication is displayed that said past program has been broadcast,

when the user selects a future program, it is judged that the user desires to program the recording of the indicated program and the display is automatically switched to a display frame showing detailed information about the future program.

7. (canceled)

8. (previously presented) The method as claimed in claim 6, wherein said selecting step includes locating the cursor on a representation of a desired program and selecting the same.

9. (previously presented) The method as claimed in claim 6, wherein said first, second and third colors are set according to the user's favorite colors.

10. (original) The method as claimed in claim 6, wherein said displaying steps display said electronic program guide so that a latest electronic program guide containing said present time is displayed at all times.

11. (currently amended) A non-transitory recording medium recorded with a computer-readable program for controlling

the display of an electronic program guide representing programs for a plurality of channels, the program comprising the steps of:

displaying on a current display screen in a first color a representation of each of a plural number of past programs of the plurality of channels whose broadcast time is prior to a present time;

displaying on a current display screen in a second color different from said first color a representation of each of a plural number of present programs of the plurality of channels whose broadcast time contains said present time;

displaying on a current display screen in a third color a representation of each of a plural number of future programs of the plurality of channels whose broadcast time is subsequent to said present time, said third color being different from said first and second colors;

displaying on the current display screen a day of a week display portion which provides a display for each day of the week;

displaying a cursor on a representation of a desired program on the current display screen;

selecting a desired day from the day of the week display portion and a program therefrom for programming a recording of the program or for watching or listening to the program;

displaying a content of the selected program when the selected program is a future program; and

switching to the selected program when the selected program is a present program,

in which the representations of the past, present, and future programs are displayable on a first portion of the display screen and in which information of a respective program at which the cursor is located is displayable on a second

portion of the display screen which is different from the first portion,

in which a respective representation of a respective program is displayable in a fourth color which is different from said first, second, and third colors when the cursor is located thereat and prior to a selection of the respective program by the selecting step, and

in which when a user selects a past program, an indication is displayed that said past program has been broadcast,

when the user selects a future program, it is judged that the user desires to program the recording of the indicated program and the display is automatically switched to a display frame showing detailed information about the future program.

12. (canceled)

13. (previously presented) The non-transitory recording medium as claimed in claim 11, wherein said selecting step includes locating the cursor on a representation of a desired program and selecting the same.

14. (previously presented) The non-transitory recording medium as claimed in claim 11, wherein said first, second and third colors are set according to the user's favorite colors.

15. (previously presented) The non-transitory recording medium as claimed in claim 11, wherein said displaying steps display said electronic program guide so that a latest electronic program guide containing said present time is displayed at all times.

16. (previously presented) The information processing device as claimed in claim 1, in which the representations of the past, present, and future programs are displayable on the display with respect to time and in which the representations are shifted after a predetermined period of time.

17. (previously presented) The information processing device as claimed in claim 1, further comprising means for displaying a message to the user that the desired program can not be selected when the desired program is the past program.

18. (previously presented) The information processing device as claimed in claim 17, in which the message is displayable only for a predetermined amount of time.

19. (canceled)

20. (canceled)

21. (previously presented) The method as claimed in claim 6, in which the representations of the past, present, and future programs are displayable on the display with respect to time and in which the representations are shifted after a predetermined period of time.

22. (previously presented) The method as claimed in claim 6, further comprising displaying a message to the user that the desired program can not be selected when the desired program is the past program.

23. (previously presented) The method as claimed in claim 22, in which the message is displayable only for a predetermined amount of time.

24. (canceled)

25. (canceled)

26. (previously presented) The non-transitory recording medium as claimed in claim 11, in which the representations of the past, present, and future programs are displayable on the display with respect to time and in which the representations are shifted after a predetermined period of time.

27. (previously presented) The non-transitory recording medium as claimed in claim 11, further comprising displaying a message to the user that the desired program can not be selected when the desired program is the past program.

28. (previously presented) The non-transitory recording medium as claimed in claim 27, in which the message is displayable only for a predetermined amount of time.

29. (canceled)

30. (canceled)

31. (currently amended) An information processing device for controlling display of an electronic program guide, comprising processing means for selectively producing data for display on a display device representing an electronic program guide having a day of a week display portion which provides a

display for each day of the week and having programs included in the guide, and a user control for selecting the program guide and a desired day from the day of the week display portion and programs therefrom in the guide, in which the processing means is arranged so that a past program whose broadcast time is prior to a present time, a present program whose broadcast time contains the present time and a future program whose broadcast time is subsequent to the present time are controlled to be displayed with different colors and wherein if a user selects a past program, an indication is displayed that the program has been broadcast, said information processing device further comprising means for displaying a content of the selected program when the selected program is a future program, and means for switching to the selected program when the selected program is a present program,

when the user selects a future program, it is judged that the user desires to program ~~at~~ the recording of the indicated program and the display is automatically switched to a display frame showing detailed information about the future program.

32. (currently amended) A method of controlling display of an electronic program guide, comprising controlling a display device such that a past program whose broadcast time is prior to a present time, a present program whose broadcast time contains the present time and a future program whose broadcast time is subsequent to the present time are each respectively displayed with different colors, in which the electronic program guide includes a day of a week display portion which provides a display for each day of the week, in which said method further comprises enabling a user to select a desired day from the day of the week display portion, and in which if the user selects a past program, an indication is displayed that the program has been broadcast, said method further comprising displaying a

content of the selected program when the selected program is a future program, and switching to the selected program when the selected program is a present program,

when the user selects a future program, it is judged that the user desires to program ~~at~~ the recording of the indicated program and the display is automatically switched to a display frame showing detailed information about the future program.

33. (currently amended) An information processing device for displaying an electronic programming guide, comprising:

a display controller;

a display being operable to have displayed thereon in response to a control signal from said display controller a cursor, a day of a week display portion which provides a display for each day of the week and representations of programs for a plurality of channels having a plural number of past programs each of whose broadcast time is prior to a present time, a plural number of present programs each of whose broadcast time contains said present time, and a plural number of future programs each of whose broadcast time is subsequent to said present time, said representation of each of said plural number of past programs currently in the display being in a first color, said representation of each of said plural number of present programs currently in the display being in a second color different from said first color, and said representation of each of said plural number of future programs currently in the display being in a third color different from said first and second colors, in which the cursor is movable to a representation of a desired program;

means for enabling a user to select a desired day from the day of the week display portion and a program therefrom for

programming a recording of the program or for watching or listening to the program;

means, responsive to selection of the program by the user, for determining whether the selected program is a future program or a present program, and when results of the determining indicate that the selected program is the future program for displaying a content of the selected program and when the results of the determining indicate that the selected program is the present program for switching to the selected program,

in which the representations of the programs are displayable on a first portion of the display and in which information of a respective program at which the cursor is located is displayable on a second portion of the display which is different from the first portion,

in which a respective representation of a respective program is displayable in a fourth color which is different from said first, second, and third colors when the cursor is located thereat and prior to a selection of the respective program by the means for enabling, and

in which when the user selects a past program, an indication is displayed that said past program has been broadcast,

when the user selects a future program, it is judged that the user desires to program the recording of the indicated program and the display is automatically switched to a display frame showing detailed information about the future program.

34. (currently amended) An information processing device for controlling display of an electronic program guide, comprising processing means for selectively producing data for display on a display device representing an electronic program guide having a day of a week display portion which provides a

display for each day of the week and having programs included in the guide, and a user control for selecting the program guide and a desired day from the day of the week display portion and a program or programs therefrom in the guide, in which the processing means is arranged so that a past program whose broadcast time is prior to a present time, a present program whose broadcast time contains the present time and a future program whose broadcast time is subsequent to the present time are controlled to be displayed with different colors and wherein if a user selects a past program, an indication is displayed that the program has been broadcast, said information processing device further comprising means, responsive to selection of a selected program by a user, for determining whether the selected program is a future program or a present program, and when results of the determining indicate that the selected program is the future program for displaying a content of the selected program and when the results of the determining indicate that the selected program is the present program for switching to the selected program,

when the user selects a future program, it is judged that the user desires to program at the recording of the indicated program and the display is automatically switched to a display frame showing detailed information about the future program.